Substitute Form PTO-1449 (Modified)	Patent and Trademark Offi ormation Disclosure Statement by Applicant (Use several sheets if necessary)		Application No. 09/748,509
•		Applicant Koji Hayashi et al.	
1		Filing Date December 26, 2000	Group Art Unit 2627

	U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate		
KC	AA	6,775,216	08/10/04	Kelly et al.					
·	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.		Publication	Country or		Subclass	Translation			
Initial	ID	Number	Date	Patent Office	Class		Yes	No		
	AL									
	AM									
	AN									
	AO									
	AP									

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature /Kim Kwok Chu/ (09/17/2006)	Date Considered 09/17/2006
EXAMINER: Initials citation considered. Draw line through citation if next communication to applicant.	ot in conformance and not considered. Include copy of this form with

	_	_	_
Sheet	1	of	1
		v	

Substitute orm PTO-1449 (Modified

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10449-030001

Application No. 09/748,509

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Koji Hayashi et al.

Filing Date December 26, 2000 Group Art Unit 2627 2653

(37 CFR §1.98(b))

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
	AA							
KC	AB	6,775,211 B1	08-2004	Tsukihashi				
	AC							
	AD							
	AE							
	AF							
	AG							
	AH					•		
	AI							
	AJ							
	AK							

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or			Translation			
Initial	ו סו	Number	Date	Patent Office	Class	Subclass	Yes	No		
	AL							_		
	AM									
	AN									
_	AO									
	AP									

(Other Do	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	ΔQ	
	AR	
	AS	
	AT	

Examiner Signature /Kim Kwok Chu/ (09/26/2006)	Date Considered 09/26/2006
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with

next communication to applicant.

Sheet	•		•
- noot		^t	
JUCCI		of	

Substitute Form PTO-1449 (Modified)

AK

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 10449-030001 Application No. 09/748,509

Information Disclosure Statement by Applicant

Applicant Koji Hayashi et al.

(Use several sheets if necessary)

Filing Date
December 26, 2000

Group Art Unit, 2653

(37 CFR §1.98(b))

U.S. Patent Documents Examiner Desig. **Document Publication** Filing Date Initial ID Number Date Patentee Class **Subclass** If Appropriate KC 08/1989 AA4,860,272 Nishikawa et al. AD 6,755,211 D1 08/2004 Tsukihashi, Akira AC 6,269,059 B1 07/2001 Kuroda, et al. KC KC 6,522,608B1 02/2003 AD Kuroda, Kazuo AE ΑF AG AH ΑI ΑJ

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Desig	Desig.	Document	Publication	Country or			Translation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	P No	
	AL								
	AM								
	AN								
	AO					· · · · · · · · · · · · · · · · · · ·			
	AP								

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
	AQ				
	AR				
	AS				
	AT				

Examiner Signature	Date Considered
/Kim Kwok Chu/ (09/26/2006)	09/26/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	it in conformance and not considered. Include copy of this form with

Sheet	1	of	1
SHEEL		OI.	1

Information
(Use seve

O-1449 U.S. Department of Commerce Patent and Trademark Office

Attomey's Docket No. 10449-030001

Application No. 09/748,509

Information Disclosure Statem nt by Applicant (Use several sheets if necessary)

AF

Applicant Koji Hayashi et al.

Filing Date
December 26, 2000

Group Art Unit 7 2651

U.S. Patent Documents Filing Date Publication Examiner Desig. Document Class If Appropriate **Subclass Patentee** Number Date Initial ID KC 6,584,053 06/24/03 Tsukihashi AΑ AB AC ΑD Technology Center 2600 ΑE

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
KC	AG	408147879A	06/07/96	Japan				

(Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
KC	AH	Japan registered publicatin no. 2842262, equivalent to above noted document AG			
	AI				
	AJ				
	AK				

Examiner Signature /Kim Kwok Chu/ (09/27/2006)

Date Considered

09/27/2006

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet	1	of	1

PINE .		
Substitute Form PTO-1449 U.S. Separtment of Commerce (Modified) U.S. Separtment of Commerce (Modified) U.S. Separtment of Commerce (Modified)	Attorney's Docket No. 10449-030001	Application No. 09/748,509
Information Disclosure Statement by Applicant	Applicant Koji Hayashi et al.	
(Use several sheets if necessary) (37 CFR §1.98(b))	Filing Date December 26, 2000	Group Art Unit 2653 2627

			U.S. Pate	ent Documents	_		
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,587,416	07/01/03	Tsukihashi			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

	Foreign	Patent Doc	uments or Pu	blished Foreign	Patent A	Application	าร	
Examiner	Desig.		Publication	Country or			Translation	
Initial	ID	Number	Date	Patent Office	Class		Yes	No
	AL							
	AM							•
	AN							
	AO							
	AP							

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document			
	AQ				
	AR				
	AS				
	AT				

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

~ .	-	_	_
Sheet	- 1	of	1
711000		O.	

			<u> </u>
Substitute Form) VO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509
by Applicant		Applicant Koji Hayashi et al.	
by Ap Use several sh (37 CF 198(b))	eets if necessary)	Filing Date December 26, 2000	Group Art Unit 2653 2627

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
KC	AA	6,570,832	05/27/03	Yamamoto				
	AB							
	AC							
	AD				!			
	AE							
	AF							
	AG							
1	AH							
	ΑI							
	AJ							
	AK							

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID D	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL			· · · · · · · · · · · · · · · · · · ·				
	AM							
	AN							
	AO							-
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant	it in conformance and not considered. Include copy of this form with

Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509	
mak 00 l	Information Disclosure Statement		Applicant Koji Hayashi et al.	
(37 CFR \$1.69(b))	neets if necessary)	Filing Date December 26, 2000	Group Art Unit. 2653 ²⁶²⁷	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,704,387	3/2004	Lin, Xiao			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL							
	AM					-	_	
	AN							
	AO				•		_	
	AP							

(Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	it in conformance and not considered. Include copy of this form with

Sheet	1	of	1
Succi	1	OI	- 1

	Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509	
/0	Information Disclo		Applicant Koji Hayashi et al.		
₹	(Use several shee		Filing Date December 26, 2000	Group Art Unit. 2653	

THADEN	U.S. Patent Documents						
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,198,707	03/06/01	Yamamoto			

	Foreig	n Patent Do	cuments or F	Published Foreign	Patent A	Applicatio	ns
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No.
KC	AB	1-312736	12/18/1989	Japan			Partial
KC	AC	5-282696	10/29/93	Japan			Partial
	AD						
	AE						
	AF				*		

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner	Desig.							
Initial	D	Document						
	··-							
	7.0							

Examiner Signature	Date Considered
/Kim Kwok Chu/ (09/27/2006)	09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

Chaot	1	۰£	1
Sheet	ı	of	1

Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509	
Into mation Disc	closure Statement oplicant	Applicant Koji Hayashi et al.		
SEP 1 3 2004 Use several st	eets if necessary)	Filing Date December 26, 2000	Group Art Unit 2653 2627	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	6,594,213	07/15/2003	Hayashi			
KC	AB	6,538,962	03/25/2003	Hyun			
KC	AC	6,272,084	08/07/2001	Maeda			

	Foreign Patent Documents or Published Foreign Patent Applications						
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation No 2
KC	AD	0 507 571	10/07/1992	Europe			

	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
	AB						

Examiner Signature.

/Kim Kwok Chu/ (09/27/2006)

Date Considered

09/27/2006

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

•	7
1	

Substitute pro-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509			
Information Disc	losure Statement	Applicant Koji Hayashi et al.				
MAY 0 6 ZDEK USE several shi	eets if necessary)	Filing Date December 26, 2000	Group Art Unit 2651 2627			
TRADEL		·				

			U.S. Pate	ent Documents	_		
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,010,534	04/23/91	Enari et al.			
KC	AB	5,477,516	12/19/95	Takezawa			
	AC					DEC	EIVED
	AD						
	AE					MAY 1	0 2004
	AF					Technolog	Center 2600
	AG					100	,
	AH						
	ΑI						
-	AJ				·		
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or			Trans	slation		
Initial	ַ D	Number	Date	Patent Office	Class	Subclass	Yes	No		
	AL									
	AM									
	AN									
	AO									
	AP									

(Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
	AQ							
_	AR							
	AS							
	AT							

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	•
	Substitute Disclosure Form (PTO-1449)

Sheet	1	of	1

Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509	
Information Disclosur Stat ment by Applicant		Applicant Koji Hayashi et al.		
MAR 1 5 2004 Use several st	1 5 2004 Use several sheets if necessary)		Group Art Unit 2651 2627	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,317,553	05/31/94	Ohga et al.			

	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or			Trans	lation			
Initial	l D	Number	Date	Patent Office	Class	Subclass	Yes	No			
KC	AB	4-103079	04/06/92	Japan (corresponds to U.S. 5,317,553, enclosed)							

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document				
KC	AC	Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk				
KC	AD	Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device				
KC	AE	Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk				
KC	AF	Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device				
KC	AG	Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver				

RECEIVED

MAR 1 8 2004

Technology Center 2600

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

Sheet	1	of	1

Substitute (Modified TRADE orm PTO-1449 U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10449-030001

Application No. 09/748,509

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Koji Hayashi et al.

Filing Date

Group Art Unit 2627 December 26, 2000 2651

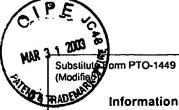
(37 CFR §1.98(b))

	U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate		
KC	AA	6,084,731	Jul. 4, 2000	Uchida et al.					
	AB								
	AC					DEC	EIVED		
	AD								
	AE					JUL	2 8 2003		
	AF					Technolog	y Center 2600		
	AG								
	AH								
	Al								
	AJ								
	AK								

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or				lation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No		
-	AL									
	AM							_		
	AN									
	AO									
	AP									

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
	AQ							
	AR							
	AS							
	АТ							

Examiner Signature /Kim Kwok Chu/ (09/27/2006)		09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	ot in conformance and	not considered. Include copy of this form with Substitute Disclosure Form (PTO-1449)



U.S. Department of Commerce Patent and Trademark Office

Attomey's Docket No. 10449-030001

Application No. 09/748,509

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Koji Hayashi et al.

Filing Date

December 26, 2000

Group Art Hnit

(37 CFR §1.98(b))				December 26, 20	000	l	
			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,305,298	04/19/1994	Tsuneshi Yokota			
KC	AB	5,910,935	06/08/1999	Hirihito Takagi et al.			
KC	AC	6,208,599	03/27/2001	Misao Fukuda		REC	EIVED
KC	AD	6,438,083	08/20/2002	Jacobus P.C. Kroon		APR	0 3 2003
KC	ΑE	6,487,616	11/26/2002	Koji Hayashi		Tachnolog	V Center 260
	AF					Technolog	y Center 200
	AG						
	AH						
	ΑI						
	AJ						
	AK						

-	Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or			Trans	lation			
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No			
KC	AL	11-259982	24.09.1999	Japan							
KC	AM	0 974 966	26.01.2000	ЕРО							
	AN										
	AO										
	AP										

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006
EXAMINER: Initials citation considered. Draw line through citation if n next communication to applicant.	ot in conformance and not considered. Include copy of this form with

om PTO-1449

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10449-030001

Application No. 09/748,509

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Koji Hayashi et al.

Filing Date December 26, 2000 Group Art Unit 2627

(37 CFR §1.98(b))

	U.S. Patent Documents									
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate			
	AA									
	AB									
	AC					RECE	IVED			
	AD					FEB 1 4				
	AE									
	AF				Je	chnology C	enter 2600			
	AG									
	AH									
	ΑI									
	AJ									
	AK									

Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	• 1	Publication	Country or	Class	Oubstans	Translation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
KC	AL	1998-028125	15.07.98	Korea					
KC	AM	1999-024893	06.04.99	Korea					
KC	AN	63-52393	05.03.88	Japan					
KC	AO	H11-66745	09.03.99	Japan					
	AP								

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature	Date Considered
/Kim Kwok Chu/ (09/27/2006)	09/27/2006
	<u></u>
EXAMINER: Initials citation considered. Draw line through citation if no	ot in conformance and not considered. Include copy of this form with
next communication to applicant.	

ſ	Substitute Form PTO-1449		ent of Commerc		Attorney's Docket No.	Application No.	
	(Modified) Information Disc		TracegalEon		10449-030001 Applicant	09/748,509	
	by Ap	plicant	•	4	Koji Hayashi et al.		
	•	eets if necessary)	JUL 22 200		illing Date December 26, 2000	Group Art Unit 2627	
ι	(37 CFR §1.98(b))			-81			

	U.S. Patent Documents										
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate				
KC	AA	4,507,767	03/26/85	Takasugi							
KC	AB	4,546,462	10/08/85	Koishi et al.		RE	CEIVED				
KC	AC	4,800,548	01/24/89	Koishi et al.		JUI	2 9 2002				
KC	AD	4,831,611	05/16/89	Sasaki et al.		Toohaal					
KC	AE	4,858,219	08/15/89	Yoshikawa		ICCITION	gy Center 2600				
KC	AF	5,161,144	11/03/92	Takeuchi et al.							
K	' AG	5,170,389	12/08/92	Numata et al.							
KC	AH	5,521,893	05/28/96	Yamasaki et al.							
KC	ΑI	5,682,366	10/28/97	Yamanaka et al.							

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ַ D	Number	Date	Patent Office	Class	Subclass	Yes	No
	AJ							

Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document				
	AK					

Examiner Signature	Date Considered				
/Kim Kwok Chu/ (09/27/2006)	09/27/2006				
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with					

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet <u>1</u> of <u>1</u>
Application No. 09/748,509

Substitute Form Pro-1449 (Modified)

Form Pro-1449

D. 6. Department of Commerce fatent and Trademark Office fatent and Trademark Office information Disclosure Statement by Applet ant (Use Complete Statement)

10449-030001 Applicant Koji Hayashi et al.

Attorney's Docket No.

Group Art Unit 2627 Filing Date December 26, 2000

(37 CFR §1.98(b))

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,220,545	06/15/1993	Tomimitsu			
KC	AB	5,289,440	02/22/1994	Bakx			
KC	AC	5,436,875	07/25/1995	Shinada			
KC	AD	5,491,677	02/13/1996	Sasaki.			
KC	AE	5,532,991	07/02/1996	Sasaki.			
KC	AF	5,745,445	04/28/1998	Yasukohchi et al.		RECEIV	Eħ
KC	AG	5,815,472	09/29/1998	Kuroda et al			
KC	AH	5,818,801	10/06/1998	Watanabe et al.		MAR 2 5	1002
KC	ΑI	5,953,291	09/14/1999	Yasukohchi et al.	Tec	hnology Cen	er 2000
KC	AJ	6,055,216	04/25/2000	Shintani			
KC	AK	6,115,337	09/05/2000	Takagi et al.			

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans	lation
7711.027	AL	714	54.0		- Cidoo	0000.000	(J. 7, 16.4), CO J. (J. 7)	
	AM			 				
	AN							
	AO							
	AP							

	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature	Date Considered					
Kim Kwok Chu/ (09/27/2006)	09/27/2006					
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant						



U.S. Department of Commerce

Application NO I P

Patent and Trademark Office 10449-030001 **Information Disclosure Statement** by Applicant (Use several sheets if necessary)

Substitute Form PTO-1449

(Modified)

(37 CFR §1.98(b))

Applicant Koji Hayashi et al.

Attorney's Docket No.

Filing Date

December 26, 2000

09/7/48,509	-,/
9 90 0	1 201
Graup Art Unit	JAS .
	٠, ١

	U.S. Patent Documents						
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
KC	AA	5,212,678	05/18/93	Roth et al.			
KC	AB	5,463,607	10/31/95	Roth et al.			
	AC						
	AD					2/2	
	AE				Rec.	6 C	
	AF				Mola	CK Z	_
	AG				9	E 70	0
	ΑН					The same	
	AI					· OS	
	AJ						
	AK						
	AL						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	slation No
KC	AM	3-228266	10/09/91	Japan			х	
KC	AN	2-223066	09/05/90	Japan			х	
KC	AO	2000-40302	02/08/00	Japan		-	х	
KC	AP	10-49990	02/20/98	Japan			х	
KC	AQ	10-63433	03/06/98	Japan			х	

	Other Do	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	AR	
	AS	
	AT	
	AU	

Examiner Signature /Kim Kwok Chu/ (09/27/2006)	Date Considered 09/27/2006			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

Sheet	1	of	1
DITOCE		UI.	_

Station Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-030001	Application No. 09/748,509	
	Applicant Koji Hayashi et al.			
by Applicant (Use several sheets if necessary)		Filing Date December 26, 2000	Grouppe Agt-Junit	

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,212,678	05/18/93	Roth et al.		<u> </u>	
	AB	5,463,607	10/31/95	Roth et al.		RE	
	AC					10-	7 2001
	AD					Tour APR I	7 200
	AE					CCNNology C	2007
	AF						7 2001 enter 2600
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
	AN	3-228266	10/09/91	Japan			Y	_
	ΑO	2-226066	09/05/90	Japan			X	_
	ΔP	2000-40302	02/08/00	Iapan			х	
	AO	10-49990	02/20/98	Japan			X	
	AR	10-63433	03/06/98	Japan			Х	

Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
	AS			
	AT			
	AU			
	AV			

Examiner Signature	Date Considered 09/27/2006			
/Kim Kwok Chu/ (09/27/2006)	, 2000			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				